



PTO/SB/08a (07-05)

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PATENT AND TRADEMARK OFFICE
Form 1449A/PTOINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	10/606,810
Filing Date	06/26/2003
First Named Inventor	Morito Morishima
Art Unit	2656
Examiner Name	Van T. Pham
Attorney Docket Number	051270-0304520

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
VP	1	US- 5,518,325	05/1996	Kahle	
	2	US- 4,814,594	03/1989	Drexler	
	3	US- 2002/0191517 VP	12/2002	Honda et al.	
	4	US- 5,467,432	11/1995	Ota, Yuichi	
	5	US- 6,329,035	12/2001	Iwasaki et al.	
	6	US- 6,109,324	08/2000	Bugner et al.	
	7	US- 6,654,324	11/2003	Huber et al.	
	8	US- 5,444,687	08/1995	Okumura, Takatoshi	
	9	US- 2001/0026531	10/04/2001	Onodera et al.	
	10	US- 2001/0040867	11/15/2001	Onodera et al.	
	11	US- 2002/0046177	04/18/2002	Oshima et al.	
	12	US- 2002/0048241	04/25/2002	Kumagai et al.	
	13	US- 2003/0107959	06/12/2003	Norton et al.	
	14	US- 2003/0108708	06/12/2003	Anderson et al.	
	15	US- 4,027,217	05/31/1977	Harman	
	16	US- 4,967,286	10/30/1990	Normula et al.	
	17	US- 5,182,741	01/26/1993	Maeda et al.	
	18	US- 5,317,337	05/31/1994	Ewaldt	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	JP 09306144 A	11/23/1997	Ogino et al.		X
	2	JP 05-225570	09/13/1993	Sony Corp.		
	3	JP 08-327339	12/13/1996	Sankooole KK		X
V	4	JP 08-327339	12/13/1996	Sankooole KK		X
	5	JP 9-123606	05/13/1997	Dainippon Printing Co. Ltd.		X

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Attorney Docket Number	051270-0304520

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VP	19	US- 5,398,231	03/14/1995	Shin et al.	
	20	US- 5,498,509	03/12/1996	Shin et al.	
	21	US- 5,518,325	05/21/1996	Kahle	
	22	US- 5,608,717	03/04/1997	Ito et al.	
	23	US- 5,608,718	03/04/1997	Schiwe	
	24	US- 5,616,447	04/01/1997	Arioka	
	25	US- 5,627,895	05/06/1997	Owaki	
	26	US- 5,675,570	10/07/1997	Ohira et al.	
	27	US- 5,688,173	11/18/1997	Kitahara et al.	
	28	US- 5,729,533	03/17/1998	Marquardt	
	29	US- 5,745,457	04/28/1998	Hayashi et al.	
	30	US- 5,748,607	05/05/1998	Ohira et al.	
	31	US- 5,751,671	05/12/1998	Koike et al.	
	32	US- 5,764,430	06/09/1998	Ottesen et al.	
	33	US- 5,766,495	06/16/1998	Parette	
	34	US- 5,781,221	07/14/1998	Wen et al.	
	35	US- 5,846,131	12/08/1998	Kitahara	
	36	US- 5,869,420	02/09/1999	Naito	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (# known)				
	6	JP 2002-216396	08/02/2002	Ricoh Co Ltd.		X
	7	JP 11-283356	10/15/1999	Ricoh Co. Ltd.		X
	8	JP 9-265760	10/07/1997	Seiko Epson Corp.		X
	9	JP 2000-251387	09/14/2000	Hitachi Maxell Ltd.		X
↓	10	JP 2000-251387	06/23/2000	Mitsui Chemicals Inc.		X

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VP	37	US- 5,875,156	02/23/1999	Ito et al.	
	38	US- 5,915,858	06/29/1999	Wen	
	39	US- 5,949,752	09/07/1999	Glynn et al.	
	40	US- 5,958,651	09/28/1999	van Hoof et al.	
	41	US- 5,967,676	10/19/1999	Cutler et al.	
	42	US- 5,997,976	12/07/1999	Mueller et al.	
	43	US- 6,019,151	02/01/2000	Wen et al.	
	44	US- 6,020,977	02/01/2000	Kim	
	45	US- 6,026,066	02/15/2000	Maezawa	
	46	US- 6,034,930	03/07/2000	Kitahara	
	47	US- 6,074,031	06/13/2000	Kahle	
	48	US- 6,102,800	08/15/2000	Kitahara	
	49	US- 6,104,677	08/15/2000	Kirihara et al.	
	50	US- 6,104,677	08/15/2000	Kirihara et al.	
	51	US- 6,124,011	11/28/2000	Hickman	
	52	US- 6,154,240	11/28/2000	Hickman	
	53	US- 6,160,789	12/12/2000	Abraham	
	54	US- 6,202,550	03/20/2001	Lee et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ *-Number ⁴ -Kind Code ⁵ (if known)				
	11	JP 10-320963	12/04/1998	NEC Shizuoka Ltd.		X
	12	EP 0 329 122 B1	08/11/1989	Philips and Du Pont Optical Co.		
	13	EP 0682341 B1	11/15/1995	Sega Enterprises, Ltd.		
	14	EP 0 762 407 B1	03/12/1997	WEA Manufacturing Inc.		
▼	15	GB 2 277 827 A	11/09/1994	Carpmaels & Ransford		

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Art Unit	2656
Examiner Name	Van T. Pham

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		Number-Kind Code ² (# known)			
VP	55	US- 6,264,295	07/24/2001	Bradshaw et al.	
	56	US- 6,270,176	08/07/2001	Kahle	
	57	US- 6,295,261	09/25/2001	Kim	
	58	US- 6,310,838	10/30/2001	Heemsherk et al.	
	59	US- 6,317,392	11/13/2001	Lee et al.	
	60	US- 6,317,399	11/13/2001	Ohtani et al.	
	61	US- 6,384,929	05/07/2002	Miller	
	62	US- 6,386,667	05/14/2002	Cariffe	
	63	US- 6,403,191	06/11/2002	Casagrande	
	64	US- 6,440,248	08/27/2002	Mueller	
	65	US- 6,452,883	09/17/2002	Chan	
	66	US- 6,469,969	10/22/2002	Carson et al.	
	67	US- 6,501,718	12/31/2002	Ono et al.	
	68	US- 6,532,034	03/11/2003	Hirotsune et al.	
	69	US- 6,534,142	03/18/2003	Hummell et al.	
	70	US- 6,862,063	03/01/2005	McClellan	
	71	US- 6,864,907	03/08/2005	Bronson	
	72	US- 6,903,760	06/07/2005	McFarland et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ *Number ⁴ *Kind Code ⁵ (# known)				
	16	JP 8-287526	11/01/1996			
	17	JP 11161768 A	06/06/1999	Kobayashi et al.		
	18	JP 11-96561	04/09/1999	Sony Corp.		X
▼	19	JP 58-100235	06/14/1983	Victor Co. of Japan		X
	20	JP 58-38932	03/03/1984	Matsushita Electric Industrial Co.		X

Examiner Signature	/Van Pham/	Date Considered	11/10/2006
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VP	73	US- 6,556,234	B1	04/29/2003	Koyama	
	74	US- 4,066,268		01/03/1978	Borchard et al.	
	75	US- 4,622,564		11/11/1986	Kaku et al.	
	76	US- 4,899,224		02/06/1990	Ooba et al.	
	77	US- 5,126,995		06/30/1992	Nishizawa	
	78	US- 5,504,688		04/02/1996	Letourneau	
	79	US- 5,669,995		09/23/1997	Hong	
	80	US- 5,866,354		02/02/1999	Froman	
	81	US- 6,778,205	B2	08/17/2004	Anderson et al.	
	82	US- 6,844,889	B2	01/18/2005	Bronson	
▼	83	US- 6,862,033	B2	03/01/2005	McClellan	
	84	US- 6,771,297	B2	08/03/2004	Bronson	
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VP	21	JP	2000-105947	04/11/2000	Ricoh Co., Ltd.		
	22	JP	9-245371	09/19/1997	Sony Disc Technology Co.		X
	23	JP	110816/1999	01/06/1999			
▼	24	JP	302316/1998	11/13/1998			
	25	JP	2000169960 A	06/2000	Ohashi et al.		

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VP	26	JP	11110820 A	04/1999	Onda, Tomohiko		
VP	27	JP	2000-173096	06/23/2000	Yoshiteru, et al.		X
VP	28	JP	2000-173238	06/23/2000	Kenichi, et al.		X
VP	29	JP	11-003543	01/06/1999	Ito Masaki		X
VP	30	JP	2000-155989	06/06/2000	Norihiro, et al.		X

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VP	32	JP	9-265760	10/07/1997	Seki Hideya		X
VP	33	JP	9-306144	11/28/1997	Yoshiaki, et al.		X
VP	34	EP	0771677	05/07/1997	Atsuya, et al.		X
VP	35	JP	9-123607	05/13/1997	Mitsunari, et al.		X

Examiner Signature	/Van Pham/	Date Considered	11/10/2006
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